

ZEBIN, A.

Awards of the Exhibition of Achievements of the National Economy of  
the U.S.S.R. Avt.transp. 39 no.4:52-53 Ap '61. (MIRA 14:5)

1. Starshiy metodist pavil'ona "Transport" Vystavki dostizheniya  
narodnogo khozyaystva SSSR.  
(Transportation, Automotive—Exhibitions)

ZEBIN, A., metodist

New exhibits in the Transportation Pavilion at the  
Exhibition of Achievements of the Soviet National  
Economy. Avt.transp. 38 no.7:51-54 J1 '60. (MIRA 13:7)

1. Pavil'on "Transport" na Vystavke dostizheniy narodnogo  
khozyaystva SSR.  
(Moscow--Exhibitions) (Technological innovations)

ZEBIN, A.

Mechanization of loading and unloading operations is an important objective in the national economy. Avt.transp. 38 no.9:3-4 S '60.  
(MIRA 13:9)

1. Starshiy inzhener-metodist pavil'ona "Transport SSSR" Vystavki dostizheniy narodnogo khozyaystva.  
(Loading and unloading --Technological innovations)

ZEBIN, A.

Refrigerated motortrucks. Avt.transp. 40 no.3:50 Mr '62.  
(MIRA 15:2)

(Refrigerated motortrucks)

ZEBNITSKAYA, L.V.

EXCERPTA MEDICA Sec.4 Vol.10/1 Microbiology Jan 57

128. ZEBNITZKAJA L.V. Chair of Microbiol., Med. Inst., Stavropol, USSR.  
\*The antigenic properties of different strains of Treponema pallidum in pure cultures judged by complement-deviation reaction (Russian text) VESTN.VENER.DERM. 1955, 4 (24-27)

The author studied 9 strains of the cultured Treponema pallidum: 8 strains isolated by Geltzer's Laboratory and one strain by Reiter's Laboratory. The pallida antigen was obtained by R.P.Geltzer's method: the treponema sediment, after centrifugation, was diluted by a mixture of 2 parts physiological saline solution and 1 part 96% ethyl spirit. The density of the suspension was carried up to 4 milliards of the bacillary bodies (by optic standard). The author comes to the conclusion that the pallida antigen is more sensitive than the usual organ extracts used in the Wassermann reaction. The immunogenic properties of the strains investigated varied in wide limits.

Kozhernikov - Leningrad (XIII,4)

FILATOV, S.A., kand.tekhn.nauk, otv.red.; RASHKOVSKIY, Ye.Z., starshiy inzh.,  
red.; NIKIFOROV, B.I., prof., doktor tekhn.nauk; SHUL'GO, Ye.I.,  
inzh., starshiy nauchnyy sotrudnik. Prinimali uchastiye: MIL'NER,  
Ye.S., inzh., red.; ZEBODE, I.V., inzh., red. SLAVOROSOV, A.Kh.,  
red.izd-va; LOMILINA, L.N., tekhn.red.

[Technical instructions on mine surveying] Tekhnicheskaya instruktsiya  
po proizvodstvu marksheyderskikh rabot. Leningrad, Ugletekhizdat,  
1959. 371 p. (MIRA 13:12)

1. Nachal'nik otdela metodiki marksheyderskikh rabot Vsesoyuznogo  
nauchno-issledovatel'skogo marksheyderskogo instituta (for Filatov).
2. Tekhnicheskoye upravleniye Gosortekhnadzora SSSR (for Rashkovskiy).
3. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut  
(for Shul'go). 4. Glavnyy marksheyder ugol'nogo kar'yera No.1 tresta  
Korkinugol' (for Mil'ner). 5. Nachal'nik tekhnicheskogo otdela Soyuz-  
markshtresta (for Zebode).

(Mine surveying)

L 46726-66 EWT(1) GW

ACC NR: AP6021982

(A, N)

SOURCE CODE: UR/0006/66/000/003/0035/0038

AUTHOR: Ryukhlyuk, Ye. I.; Zebode, I. V.; Krongauz, V. Sh. Nikolayev, N. N. 25  
B

ORG: none

TITLE: Line measurements along sequented courses using the AD-1 measuring device

SOURCE: Geodeziya i kartografiya, no. 3, 1966, 35-38 26

TOPIC TAGS: surveying instrument, distance measuring equipment/ AD-1 distance measuring equipment

ABSTRACT: The device consists of a calibrated disk with a mechanical counter and a braking mechanism mounted in a metal case containing two small reels of steel wire. The total weight of the device is 2.2 kg and its capacity is 1000 m. Line measurement is carried on using the following steps: 1) the steel wire is stretched along a line S; 2) the wire is passed through the reels and the disk; 3) two scales are fixed at the two ends of the wire; 4) the initial reading is taken after braking the disk. Twenty-five measurements of lengths varying from 81-346 m had square errors of 1:20000, 1:22000, 1:17000 under various conditions. A photograph of the device and an operational setup are shown. Orig. art. has: 2 figures, 4 formulas, 1 table.

SUB CODE: 14,08/

SUBM DATE: none

UDC: 528.512

Card 1/1 LC

ZEBOL'D, A.H., prof., referent

Minutes of session No.1221 of the Priogov Surgical Society. Vest.  
khir. 82 no.3:157-158 Mr '59. (MIRA 12:4)  
(SURGICAL SOCIETIES)



ZEBOL'D A.N., prof., referent

Minutes of the Pirogov Surgical Society, sessions Nos. 1219 and  
1220. Vest.khir. 82 no.2:151-154 F '59. (MIRA 12:2)  
(SURGERY)

ZeBol'd, A.N.

ZEBOL'D, A.N., professor.

Surgical forms of brucellosis. N.V. Antelava. Reviewed by A.N.  
Zebol'd. Vest.khir. 74 no. 7:86 O.-N '54. (MLRA 8:10)  
(BRUCELOSIS) (ANTELAVA, N.V.)

ZEBOL'D, A. N., professor.

~~SECRET~~  
"General surgery." I. G. Rufanov. Reviewed by A. N. Zebol'd.  
Vest.khir. 75 no.5:135-136 Je '55. (MLRA 8:10)  
(RUFANOV, I.G.) (SURGERY)

ZEBOL'D, A.H., professor

"Acute intestinal obstruction." D.P.Fedorovich. Reviewed by A.H.  
Zebol'd. (MIRA 8:4)

(INTESTINES--OBSTRUCTION) (FEDOROVICH, D.P.)

BRONSHTEYN, Boris L'vovich; ZEBOL'D, A.N., redaktor; KHARASH, G.A.,  
tekhnicheskii redaktor

[Cancer of the large intestine] Rak tolstoi kishki. [Leningrad]  
Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 166 p.  
(INTESTINES—CANCER) (MLRA 10:2)

ZEBOL'D, A.N., prof. (Leningrad)

Survey of the history of the organization of the Pirogov Surgical Society. Vest. khir. 91. no.7:123-129 J1'63 (MIRA 16:12)

ZEBOL'D, A.N., prof.

Minutes of the Pirogov Surgical Society. Vest. khir. 82 no.5:  
146-148 My '59. (MIRA 12:7)

(SURGICAL SOCIETIES)

ZEBOL'D, A.N., prof., referent

Proceedings of the Pirogov Surgical Society. Vest. khir. 82 no.6:  
154-155 Je '59. (MIRA 12:8)  
(SURGICAL SOCIETIES)



ZEBOL'D, A.N., prof., referent

Minutes of the Pirogov Surgical Society. Vest.khir. 82  
no.4:152-155 Ap '59. (MIRA 12:6)  
(SURGERY)

ZEBOL'D, A.N., prof.

Transactions of the Pirogov Surgical Society. No:1227 Vest.  
khir. 83 no.7:158-160 J1 '59. (MIRA 12:11)  
(SURGICAL SOCIETIES)

SOZON-YAROSHEVICH, A.Yu., professor, zasluzhennyy deyatel' nauki; ZEBOL'D.  
A.N. redaktor; RULEVA, M.S., tekhnicheskij redaktor

[Anatomical and clinical bases for surgical access to inner organs]  
Anatomo-klinicheskie obosnovaniya khirurgicheskikh dostupov k  
vnutrennim organam [Leningrad] Gos. izd-vo med. lit-ry, 1954. 180 p.  
(Surgery, Operative) (MLRA 8:3)

ABRAKOV, L.V., kand. med. nauk; BLINOV, N.I., prof.; GADZHIYEV, S.A.,  
prof.; GODUNOV, S.F., prof.; ZVORYKIN, I.A., prof.; ZEBOL'D,  
A.N., prof.; KOROTKEVICH, N.S., dots.; MARLEY, Ye.F.; MASLOV,  
S.I., kand. med. nauk; NADEIN, A.P., prof.; POSTNIKOV, B.N.,  
prof.; ROZOV, V.I., prof.[deceased]; UGRYUMOV, V.M., prof.;  
KHROMOV, B.M., prof.; UDERMAN, Nikolay Il'ich, red.; KHARASH,  
G.A., tekhn. red.

[Manual on surgical interventions for surgeons of rural sec-  
tional and district hospitals] Rukovodstvo po operativnym vme-  
shatel'stvam dlia khirurgov sel'skikh uchastkovykh i raionnykh  
bol'nits. Izd.2., ispr. i dop. Leningrad, Medgiz, 1963. 390 p.  
(MIRA 16:7)

(SURGERY—HANDBOOKS, MANUALS, ETC.)

~~ZEBOL'D, A.N.~~ prof.; BOL'SHEMYANNIKOV, A.I., dot-sent; PETRAKOV, B.D.,  
assistant

Consulting bureau as one of the forms of practical aid from the  
institute to the public health agencies. Zdrav.Ros.Feder. 4 no.11:  
24-27 '60. (MIRA 13:11)

1. Iz Leningradskogo gosudarstvennogo instituta usovershenstvovaniya  
vrachey imeni S.M.Kirova (dir. - dotsent A.Ye.Kiselev).  
(PUBLIC HEALTH)

ZEBOL'D, A.N.

BASHENIN, V.A., professor, dotsent; VYSHEGORODTSEVA, V.D., professor, dotsent; KLIONSKIY, Ye.Ye.; PETROV-MASLAKOV, M.A., professor, dotsent; PISAREV, V.N., professor, dotsent; PROZOROV, V.A., professor, dotsent; SOZON-YAROSHEVICH, A.Ye., zasluzhennyy deyatel' nauki; TAL'MAN, I.M., professor, dotsent; TIKHOMIROV, P.Ye., professor dotsent; TROITSKAYA, A.D., professor dotsent; KHILOV, K.L., professor dotsent; ZEBOL'D, A.N., redaktor. RULEVA, M.S., tekhnicheskij redaktor

[Handbook for feldshers in health and first-aid stations of industrial enterprises] Posobie dlia fel'dsherov zdavpunktov promyshlennykh predpriiatii. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1954. 271 p.

(MLRA 7:10)

(Medicine, Industrial)

(First aid in illness and injury)

ZEBOL'D, A. N., Prof.

Dissertations, Academic

Abstracts of dissertations on surgery, defended in 1951. Vest. khir. 73, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

ZEBOL'D, A. N., Prof.

Dissertations, Academic

Abstracts of disserations on surgery, defended in 1952. Vest. khir. 73, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.



ZEEOL'D, A. N., Prof.

Surgery

Abstracts of dissertations on surgery, defended in 1951. Vest. khir. 73, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

ZEBOL'D, A. N., Prof.

Surgery

Abstracts of dissertations on surgery, defended in 1952, Vest. khir. 73, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

1. ZEBOL'D, A. N. Prof.
2. USSR (600)
4. Surgery
7. Abstracts of surgical dissertations defended in 1952 as a requirement for the degree of "Kandidat" of medical sciences, Vest. khir., 73, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

ZEBOL'D., A. N.

Medicine

Notes on surgical dissertations defended in 1951.  
Vest.khir., 72, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress,  
June, 1952. UNCLASSIFIED.

ZEBOL'D, A. N. Prof.

Surgery - Bibliography

Annotations of dissertations in surgery, defended in 1951.  
Vest. khir. 72, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress,  
November, 1952. UNCLASSIFIED.

1. ZEBOL'D, A.N.
  2. USSR (600)
  4. Dissertations, Academic
  7. Abstracts of surgical dissertations defended in 1952 as a requirement for the degree of "Kandidat" of medical sciences, Vest.khir. 73 no. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

ZEBOL'D, A.N., professor.

Summaries of dissertations on surgical problems. Dissertations filed as a requirement for the degree of candidate of medical sciences. Vest.khir. 73 (MLRA 6:6)  
3:79 My-Je '53.

(Medicine) (Dissertations, Academic)

ZEBOL'D, A.N., prof.

Minutes of meeting No.1228 of the Pirogov Surgical Society. Vest.khir.  
83 no.8:147-151 Ag '59. (MIRA 13:1)  
(SURGERY)



ZEBOL'D, Alekssey Nikolayavich, prof.; VINOGRADOVA, Tais'ya Vasil'yevna,  
prof.; OGLY, I.A., red.; SHEVCHENKO, F.Ia., tekhn.red.

[Treatment with bee venom, honey, and bee milk] O lechenii  
pchelinym iadom, medom i matochnym molochkom. Leningrad, Gos.  
izd-vo med.lit-ry, Leningr.otd-nie, 1960. 31 p.

(MIRA 13:9)

(VENOM--THERAPEUTIC USE)  
(ROYAL JELLY)

(HONEY--THERAPEUTIC USE)

ZEBOL'D, Aleksey Nikolayevich; SEMENOVA, Nadezhda Vasil'yevna;  
KULESHOV, Yu.Ya., red.; BUCROVA, T.I., tekhn. red.

[Organization of the work of the surgical nurse] Orga-  
nizatsiia raboty operatsionnoi sestry. Izd.2. Leningrad,  
Medgiz, 1963. 63 p. (MIRA 17:2)

ZEBRAŃKI, Antoni, zast.prof. dr.

Cystoid growth of the uterus glands of mares in the light of biopsy. Zeszyty problemowe post nauk roln no.31:111-117 '61.

1. Katedra Poloznictwa, Wydział Weterynaryjny, Wyższa Szkoła Rolnicza, Lublin. Kierownik: zast. prof. dr. A. Zebracki

POLAND

ZEBRACKI, Antoni, Dr., Obstetrical Clinic (Klinika Poloznicza), Veterinary Faculty (Wydział Weterynaryjny), WSR [Wyższa Szkoła Rolnicza, Higher School of Agriculture] in Wrocław (Director: Prof. Dr. Alfred SENZE)

"Use of the Uterus Biopsy Method for Controlling Sterility in Mares."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 8, Aug 63, pp 464-468

Abstract: Author discusses briefly the prevalence in mares of infertility "causa ignota," and the contribution the easily performed uterine biopsy can, and will make in this area. He describes a case in point, treated by himself, where biopsy determined the cause of infertility as endometritis and the etiological factors involved, and enabled its cure. He also notes the significantly abundant elastic fibers and increased quantity of acid mucopolysaccharides prevalent in endometritis. There are no references.

1/1

RZEPECKI, Tadeusz; ZEBRAK, Jerzy

A case of chronic purulent upper lobe lung infection with an atypical clinical course in a 14-year-old girl. Pediat. Pol. 40 no.3:309-312 Mr '65

1. Z Dziecięcego Ośrodka Sanatoryjno-Prewentoryjnego w Rabce (Dyrektor: dr. med. J. Rudnik).

ZEBRAK, J.

Prognosis in bronchiectasis in children after conservative therapy.  
Gruzlica 29 no.2:177-180 F '61.

1. Z Dziecięcego Ośrodka Sanatoryjno-Prewentoryjnego w Rabce Dyrektor:  
dr J. Rudnik.

(BRONCHIECTASIS in inf & child)

12001 - KRZYSZKOWSKA, Anna; RUDNIK, Jan and ZEBRAK, Jerzy; Field Research Section of the Institute of Tuberculosis at the Central Children's Sanatorium (Zespol Problemowy Instytutu Gruźlicy przy Dziecięcym Ośrodku Sanatoryjnym,) Head (Kierownik) Dr J. RUDNIK, Rabec.

"Tuberculin Reactions in Guinea Pigs Vaccinated with Isoniazid- and Streptomycin-Resistant Strain of BCG Moreau."

Warsaw, Medycyna Doswiadczalna i Mikrobiologia, Vol 18, No 1, 1966; pp 55-59.

Abstract [English summary modified]: Studies of comparative immunogenicity of isoniazid- and streptomycin-resistant strains of the BCG vaccine var Moreau and of the corresponding sensitive strains. While dosage (0.1 to 0.5 mg.) made a difference in effect, the resistant strains were less likely to cause any intense tuberculin reaction. Graph, 2 tables; 2 Polish and 6 Western references.

1/1

LOSTER, Janusz; SZPUNAR, Jerzy; ZEBRAK, Jerzy

Evaluation of 10,000 bronchoscopies. Gruzlica 33 no.8:637-642  
Ag ' 65.

1. Z Dziecięcego Ośrodka Sanatoryjnego-Prewentoryjnego w Rabce  
(Dyrektor: dr. med. J. Rudnik).



SZPUNAR, Jerzy; ZEBRAK, Jerzy

Bronchoscopic therapy of granulations at the site of bronchial perforation of the lymph nodes. Gruzlica 33 no.8:653-655 Ag'65

1. Z Dziecięcego Ośrodka Sanatoryjno-Prewentoryjnego w Rabce  
(Dyrektor: dr. med. J. Rudnik).

ZEBRAK, Lumir, inz.

The scientific and technical conference on hydromechanization  
of coal mining in Katowice. Uhli 4 no.1:31 Ja '62.

ZEBRAK, O.; KERKOVSKY, O.

Some experience with determining internal stress in big forgings of  
steam turbine rotors. p. 472.  
(Hutnicke Listy, Vol. 11, no. 8, August 1956. Brno, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,  
June 1957. Uncl.

KAMINSKI, Z.; KARDYMOWICZ, O.; PIOTROWICZ, A.; ZEBRACKA-SZCZESNA, Z.

Experimental studies on protein metabolism in fertilized eggs.  
Pol. biol., Warsz. 2 no.3-4:287-289 1954.

1. Institut Zootechniki w Krakowie, Dyr. prof. dr T. Marchlewski.  
(EMBRYO,  
chick, protein metab.)  
(PROTEINS, metabolism,  
chick embryo)

ZEBRACKA-SZCZESNA, Z.

POLON

✓Effect of cholesterol on reproductive functions of male rabbits. Z. Kaminski, J. Niewiadski, and Z. Zebračka-Szczesna (Yagellon Univ. Krakow, Poland). *Polj. Hig.*

ZEBRACKA-SZCZESNA, Z.

KAMINSKI, Z.; NIWELINSKI, J.; ZEBRACKA-SZCZESNA, Z.

Effect of cholesterol reproductive functions of male rabbits.  
Pol. biol. 1 no. 3:169-176 1953.

1. Zakład Biologii Akademii Medycznej i Instytut Produkcji Zwierzęcej  
Uniwersytetu Jagiellońskiego w Krakowie.

(CHOLESTEROL, effects,

\*on testes in rabbits, increase of reproductive funct.)

(TESTES, effect of drugs on,

\*cholesterol, increase of reproductive funct. in rabbit)

ZEBRACKI, A.

Veterinarian Fortunat Chelchowski, a pioneer in artificial insemination. p. 419.  
(MEDYCYNÄ WETERYNARYJNA, Vol. 9, no. 9, Sept. 1953)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

ZEBRACKI, A.

Physiology of fertilization. p. 397. (MEDYCINA WETERYNARYJNA. Vol. 9, no. 9, Sept. 1953)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954



ZEBRACKI, Antoni

Summing up and conclusion of the debates. Zesz probl post nauk  
roln no.39:105-110 '63.

1. Katedra Poloznictwa i Patologii Rozrodu Zwierzat, Wydzial  
Weterynaryjny, Wyzsza Szkola Rolnicza, Wroclaw. Kierownik:  
prof. dr A. Senze.

ZEPRE, S.

Explosions in the coal basin of Provence. p. 441.

RUDARSKO-METALURSKI ZBORNİK. (Ljubljana. Univerza. Fakulteta za rudarstvo, metalurgijo in kemijsko tehnologijo. Oddelek za rudarstvo in metalurgijo) Ljubljana, Yugoslavia, No. 4, 1958.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 6, June 1959.

Uncl.

ZEBRE, Svetoza, ing. (Ljubljana)

1st Conference on Nonmetals in Ljubljana. Kem ind 9 no.12:  
N-49--N-50 D '60.

1. Clan Redakcionog odbora, "Nemetali!"

EJSMONT, Leokadia; ZEBRECKA, Wanda

"Pseudohypoparathyroidism" in a 2-month-old infant. *Endokr. Pol.*  
15 no.1:37-44 Ja-F '64.

1. II Klinika Chorob Dzieci Akademii Medycznej (Kierownik: prof.  
dr. K. Erecinski).

FOLTYN, Halina; ZEBRECKA, Wanda

A case of thallium poisoning. *Pediat. Pol.* 39 no.4:447-451  
Ap '64.

1. Z II Kliniki Chorob Dzieci Akademii Medycznej w Gdansk  
(Kierownik: prof. dr. med. B. Halikowski).

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**APPROVED FOR RELEASE: 03/15/2001**

**CIA-RDP86-00513R001964210016-1"**

ZEBREVA, A. I.

Category: USSR / Physcial Chemistry - Electrochemistry

B-12

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30131

Author : Zebreva A. I., Kozlovskiy M. T.

Inst : ~~not given~~ Kazakh State Univ. im S.M. Kirov

Title : Electrochemical Study of Copper-Zinc Amalgams

Orig Pub: Zh. fiz. khimii, 1956, 30, No 7, 1553-1559

Abstract: By methods of electrolysis with mercury and amalgam electrodes, cementation and polarography, a study was made of the properties of copper-, zinc and mixed copper-zinc amalgams (A). From 0.1 N HCl Zn is deposited at the Hg cathode concurrently with the evolution of a small amount of  $H_2$ . With an increase of current density (I) yield of Zn, on the basis of current, increases. From a weakly acidic 0.1 N solution of NaCl (pH 4) yield of Zn, on current basis reaches 100%. On anodic oxidation of Zn A in weakly acidic or neutral solution a portion of the Zn goes in solution by a direct interaction of Zn with the solution and the yield of Zn, on the

Card : 1/3

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210016-1

ZEBREVA, A-1.

5(2)

PHASE I BOOK EXPLOITATION

SOV/1699

Akademiya nauk Kazakhskoy SSR. Institut khimicheskikh nauk

Issledovaniya po elektrokhimii vodnykh rastvorov i rasplavov i amal'gannoy metallurgii (Research on the Electrochemistry of Water Solutions, Fusions and Amalgam Metallurgy) Alma-Ata, Izd-vo AN Kaz. SSR, 1958. 122 p. (Series: Its: Trudy, t. 3) 1,300 copies printed.

Ed.: V.V. Aleksandriyskiy; Tech. ed.: Z.P. Rorokina; Editorial Board of Series: I.I. Zebotin, V.M. Ilyushchenko, G.Z. Kir'yakov (Deputy Resp. Ed.), M.T. Kozlovskiy, (Resp. Ed.) and L.N. Sheludyakov.

PURPOSE: This book is intended for scientists and engineers in the electrochemical and nonferrous metal industries.

COVERAGE: This collection contains 14 reports by the Laboratories for Analytical Chemistry and Electrochemistry attached to the Institute of Chemical Sciences Academy of Sciences, Kazakhstan Republic. The amalgam method of obtaining thallium from lead powder, the electrolysis of sulfate solutions of zinc and the impoverishment of waste slag during nickel production are described. The majority of articles have a practical nature and deal with problems of developing and perfecting new electrochemical methods for the production of non-ferrous metals.

Card 1/4



Research on the Electrochemistry of Water Solutions (Cont.) SOV/1699

developing and perfecting new electrochemical methods for the production of nonferrous metals.

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Kozlovskiy, M.T., S.P. Bukhman, M.V. Nosek, V.M. Ilyushchenko, P.I. Zabotin, and A.I. Zebrev. Electrolytic Decomposition of Amalgam During the Production of Thallium From Powders of the Chinkent Lead Plant	20
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ZERREVA, A.I.

Amalgam potentials. Vest. AN Kazakh. SSR 14 no.11:88-92 N '58.

(MIRA 11:12)

(Amalgams--Electric properties)

(Electromotive force)

ZEBREVA, A.I.; KOZLOVSKIY, M.T.

Electrolysis of antimony with the use of mercury electrode. Izv.  
AN Kazakh.SSR.Ser.khim. no.1:33-38 '59. (MIRA 13:6)  
(Antimony)

05717

SOV/32-25-10-6/63

5(2)

AUTHORS:

Zebreva, A. I., Kozlovskiy, M. T.

TITLE:

Application of Mixed Backgrounds in the Polarographic Determination of Thallium

PERIODICAL:

Zavodskaya laboratoriya, 1959, Vol 25, Nr 10, pp 1172-1174 (USSR)

ABSTRACT:

A simple and rapid method of determining thallium in solutions containing, besides thallium, small quantities of lead, cadmium, zinc and arsenic, as well as traces of selenium, antimony, bismuth, iron and copper, was developed. The method is based on polarography in an alkaline-ammoniacal solution. Data on an ammonia ammonium-salt background are found in Vlcek's (Ref 1) tables, but there are no publication data on an alkaline-ammoniacal background. Thallium determinations were carried out in the presence of lead and cadmium in a ratio corresponding to industrial conditions (Table 1). The polarography was carried out on a visual polarograph with a galvanometer of a sensitivity of  $1.7 \cdot 10^{-9}$  a. Zinc does not disturb the determination whereas the disturbance by copper (appearance of two peaks) can be eliminated by subtracting the

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SOV/32-25-10-6/63

Application of Mixed Backgrounds in the Polarographic Determination of Thallium

first copper peak from the joint thallium-copper peak (Table 2). The background suggested is suitable for polarographic thallium determinations in solutions obtained by lixiviating the thallium from the dust of lead works. The method may also be used for analyzing samples with a higher cadmium- and lead content; but here the concentration of ammonia, or of lye, respectively, must accordingly be changed (Table 3) to prevent the formation of precipitates. There are 3 tables and 1 reference.

ASSOCIATION: Kazakhskiy gosudarstvennyy universitet (Kazakh State University)

Card 2/2

ZEBREVA, A. I.; KOZLOVSKII, M. T.

Solubility of antimony in mercury. Coll Cz Chem 25 no.12:3188-3194  
D '60. (EEAI 10:9)

1. Akademiya nauk Kazakhskoy SSR i Kazakhskiy gos. universitet,  
Alma-Ata, SSSR.

(Antimony) (Mercury)



ZEBREVA, A.I.

Potentials of complex amalgams. Zhur. fiz. khim. 35 no. 4:948-949  
Ap '61. (MIRA 14:5)

1. Kazakhskiy gosudarstvennyy universitet im. S.M. Kirova.  
(Amalgams) (Electromotive force)

ZEBREVA, A. I.

Electrochemical properties of liquid amalgams. Trudy Inst.  
khim. nauk AN Kazakh, SSR 9:55-70 '62. (MIRA 16:6)

(Amalgams) (Electrochemistry)

ZEBREVA, A.I.

Electrochemical investigation of zinc-antimony and cadmium-  
antimony amalgams. Zhur.fiz.khim. 36 no.8:1822-1825 Ag '62.  
(MIRA 15:8)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova.  
(Amalgams) (Electrochemical analysis)

ZEBREVA, A. I.; LEVITSKAYA, S. A.

Electrochemical investigation of indium-gold amalgams. Zhur.  
fiz. khim. 36 no.12:2799-2803 D '62. (MIRA 16:1)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova,  
khimicheskiy fakul'tet.

(Indium-gold alloys) (Amalgams)  
(Electrochemistry)

ZEBREVA, A.I.

Effect of the pH of solutions on the electrochemical properties  
of a gallium electrode. Zhur. fiz. khim. 37 no.11:2566-2568 N'63.  
(MIRA 17:2)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova.

KOVALEVA, L.M.; ZEBREVA, A.I.

Electrochemical study of copper-tin amalgams. Zhur. fiz. khim.  
38 no.5:1162-1165 My '64. (MIRA 18:12)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova, kafedra  
analiticheskoy khimii. Submitted May 23, 1963.

ZEBREVA, A.I.; VASIL'YEVA, I.G.

Electrochemical properties of the gallium electrode. Zhur. fiz.  
khim. 38 no.9:2145-2151 S '64. (MIRA 17:12)

1. Kazakhskiy gosudarstvennyy universitet, Alma-Ata.

KRASNOVA, I.Ye.; ZFEREVA, A.I.; KOZLOVSKIY, M.T., akademik

Determination of the solubility and diffusion coefficient of nickel in mercury by the method of amalgam polarography with storage. Dokl. AN SSSR 156 no. 2:415-417 My '64. (MIRA 17:7)

1. Akademiya AN Kazakhskoy SSR (for Kozlovskiy).



ZEBREVA, A.I.; KOVALEVA, L.M.

Electrochemical study of nickel-tin amalgams. Zhur. fiz. khim.  
39 no.4:855-858 Ap '65. (MIRA 19:1)

1. Kazakhskiy gosudatstvennyy universitet imeni Kirova.

KRASNOVA, I.Ye.; ZEBREVA, A.I.

Diffusion into a capillary during aging of amalgams in amalgam  
polarography with storage. Elektrokhimiia 1 no.11:1356-1359  
N '65. (MIRA 18:11)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova.

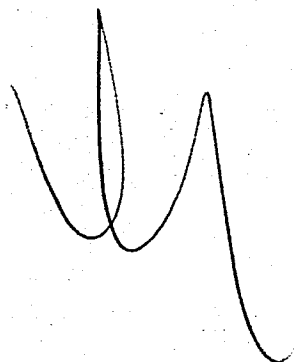
NIGMATULLINA, A.A.; ZEDREVA, A.I.

Study of lead and bismuth-lead amalgams by the E.M.F. method.  
Izv. AN Kazakh. SSR. Ser. khim. nauk 15 no.2:20-24, Ap-Je '65,  
(MIRA 18:9)

SEFGHYEVA, V.F.; ZEBREVA, A.I.

Thermodynamic properties of tin amalgams. Zhur.neorg.khim.  
10 no.8:1955 Ag '65. (MIRA 19:1)

1. Submitted May 9, 1964.

A handwritten signature or scribble consisting of several overlapping loops and a long tail, located below the text.

KOVALEVA, L.M.; ZEBREVA, A.I.

Electrochemical investigation of tin-containing amalgams.  
Elektrokhimiya 1 no.9:1084-1088 S '65. (MIRA 18:10)

1. Kazakhskiy gosudarstvennyy universitet imeni S.M. Kirova.

VASIL'YEVA, I.G.; ZEBREVA, A.I.

Electrochemical properties of gallium electrodes. Part 3:  
System thallium - lead - gallium. Elektrokimiia 1 no.12:  
1461-1464 D '65. (MIRA 19:1)

1. Kazakhskiy gosudarstvennyy universitet imeni S.M.Kirova.  
Submitted May 31, 1964.

KRASNOVA, I.Ye.; ZEBREVA, A.I.

Determination of the solubility of manganese in mercury by  
means of amalgam polarography with storage. Elektrokimiia  
2 no.1:96-99 Ja '66. (MIRA 19:1)

1. Kazakhskiy gosudarstvennyy universitet imeni S.M. Kirova,  
Alma-Ata. Submitted November 11, 1964.

LEVITSKAYA, S.A.; ZEBREVA, A.I.

Electrochemical properties of indium-antimony amalgams. *Elektrokhimiia* 2 no.1:92-96 Ja '66. (MIRA 19:1)

1. Kazakhskiy gosudarstvennyy universitet imeni S.M. Kirova, Alma-Ata. Submitted January 29, 1964.



BACZYNSKI, Zbigniew; MAJEWSKA, Halina; ZALEWSKA, Elwira; ZEBROWSKI, Leon

Investigations on the variability of pathogenicity of Newcastle disease virus. Acta microbiol. Pol. 14 no.3/4:303-308 '65.

1. From the Laboratory of General Virology, Veterinary Research Institute, Pulawy. Submitted May 3, 1965.

L 21662-66 EMT(m)/DMP(t) IJE(c) JD  
 ACC-NR: AP6003499 SOURCE CODE: UR/0364/66/002/001/0092/0096

AUTHOR: Levitskaya, S. A.; Zebreva, A. I. 20  
 6

ORG: Kazakh State University, Alma-Ata (Kazakhskiy gosudarstvennyy universitet)

TITLE: Electrochemical properties of indium-antimony amalgams 6

SOURCE: Elektrokimiya, v. 2, no. 1, 1966, 92-96 27

TOPIC TAGS: semiconductor, InSb semiconductor

ABSTRACT: The results of an experimental investigation of simple In and Sb and compound InSb amalgams by potentiometric and polarographic methods are reported. By using the H. Hartmann et al. potentiometric method (J. Phys. Chem., 1956, v. 9, 106), the behavior of a simple In amalgam was studied at 20, 40, 60, and 80C. Curves of  $\Delta\phi$  vs.  $\lg c_1/c_2$  for the above amalgams determined from corresponding concentration circuits are presented, and estimated values of the solubility product are tabulated. The solubility of InSb was found to increase with temperature. The linear relation between the wave height and the concentration of metal in the amalgam was discovered in polarographic studies; the solubility product for InSb was found close to its values determined by potentiometric studies. Orig. art. has: 4 figures and 4 tables.

SUB CODE: 09 / SUBM DATE: 29Jan64 / ORIG REF: 013 / OTH REF: 010

Cord 1/1 20 UDC: 541.13

L 31223-66 EWT(m)/ETC(f)/T/EWP(t) IJP(c) JD/WW/JG/DS  
ACC NR: AP6022814 SOURCE CODE: UR/0364/66/002/004/0433/0437

AUTHOR: Vasil'yeva, I. G.; Zebrev, A. I.

ORG: Kazakh State University im. S. M. Kirov, Alma-Ata (Kazakhskiy gosudarstvennyy universitet)

TITLE: Electrochemical properties of a gallium electrode: the copper-cadmium-gallium system

SOURCE: Elektrokimiya, v. 2, no. 4, 1966, 433-437

TOPIC TAGS: electrochemistry, electrode, gallium, copper, cadmium, cathode, anodization, depolarization, electric effect, liquid metal, intermetallic compound

ABSTRACT: The authors studied the behavior of copper, cadmium and a copper-cadmium solution on solid and liquid gallium electrodes. No mutual effect of the elements was observed at a copper concentration of  $2 \cdot 10^{-4}$  mol/l either in the cathode or the anode process. The copper-cadmium compound is apparently completely dissociated when dissolved in liquid gallium, as is the case in mercury. An intermetallic copper-cadmium compound is formed on the surface of both solid and liquid gallium at high copper concentrations (since copper is precipitated even on the liquid gallium surface). The formation of this compound is revealed in the cathode process by depolarization of cadmium, and in the anode process by distortion or complete disappearance of the anodization peak for cadmium in the presence of copper.

Orig. art. has: 7 figures and 1 table. [JPRS]  
SUB CODE: 07 / SUBM DATE: 15Feb65 / ORIG REF: 017 / OTH REF: 011  
Card 1/1 BLC UDC: 541.13

VAL'KO, A.V.; ZEBREVA, A.I.; LEVITSKAYA, S.A.; TOYBAYEV, B.K.

Electrochemical properties of indium-containing amalgams.  
Zhur. fiz. khim. 38 no.7:1839-1843 J1 '64.

(MIRA 18:3)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova.

KRASNOVA, I.Ye.; ZEBREVA, A.I.

Anodic currents of oxidation of manganese amalgams. Zhur.  
fiz. khim. 38 no.6:1675-1676 1964.

(MIRA 18:3)

L. Kazakhskiy gosudarstvennyy universitet.

2E3REVA, A.I.

Potentiometric methods for determining the solubility of metals  
in mercury. Trudy Inst. khim. nauk AN Kazakh.SSR 12:160-165 '64.  
(MIRA 18:2)

VASIL'YEVA, I.G.; ZEBREVA, A.I.

Electrochemical properties of a gallium electrode. Part 1.  
Zhur. fiz. khim. 38 no.7:1774-1778 J1 '64.

(MIRA 18:3)

1. Kazakhskiy gosudarstvennyy universitet.

ZEBRIN, A. G.

33553

50 Let Nauchno-Pedagogich-eskoy I Vrachebno\*Obshchestvennoy Deytel'nosti Prof. A. T. Rusanova. (Khirurg). Khirurgiya, 1949, No 10, c. 72- 74, s Portr.

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, M, skva 1949



ZEBRIN, A. G

COUNTRY	:	USSR	F
CATEGORY	:	Microbiology. Microbes Pathogenic For Man and Animals. Cocci.	
ABS. JOUR.	:	RZhBiol., No. 3 1959, No. 10174	
AUTHOR	:	Zebrin, A. G.	
INST.	:	Voronezh Medical Institute	
TITLE	:	Staphylococcus Toxoid and the Evaluation of Its Use Experimentally. Report I	
ORIG. PUB.	:	Tr. Voronezhsk. med. in-ta, 1957, 28, 155-159	
ABSTRACT	:	The immunization of rabbits with staphylococcus toxoid (A) produced the accumulation of antitoxin in the blood of the animals. The degree of increase in the titer of toxoid depended on the intervals between the injections of A. The quickest and highest rise in titer was observed after an interval of 2 days, and then at 5 days, and 4 days; and the least, after an interval of 3 days. The increase in the phagocyte count and of the Kavetskiy index (skin test with trypan blue) proceeded in parallel. The phagocyte count increased as early	
Card:	:	1/2	

COUNTRY :  
CATEGORY :  
ABS. JOUR. : RZhBiol., No. 1959, No. 10174  
AUTHOR :  
INST. :  
TITLE :  
  
ORIG. PUB. :  
  
ABSTRACT : as following the first injection of A. -- A. N.  
Shibayeva

Card: 2/2

47

ZEBRIN, A.G., dots.

Use of staphylococcal anatoxin in treating suppurative surgical diseases of the skin and subcutaneous tissue [with summary in English]. Khirurgiia 33 no.9:106-112 S '57. (MIRA 11:4)

1. Iz kafedry detskoy khirurgii (zav. - dotsent A.G.Zebrin)  
Voronezhskogo meditsinskogo instituta (dir. - prof. N.I.Odnoralov)

(SKIN DISEASES, ther.

micrococcal anatoxin in suppurative processes)

(MICROCOCCUS PYOGENES,

anatoxin, ther. of suppurative dis. of skin)

ZEERIN, A. G.

"Fifty Years of Scientific Pedagogical and Medical Activity of Prof. A.G.  
Rusanov," Khirurgiya, No. 10, 1949. "ocent.

*ZEBRINA M.N.*  
ZEBRINA, M.N.

Case of giant goiter. Probl.endok. i gorm. 1 no.1:112-113 Ja-F  
'55. (MLRA 8:10)

1. Iz klinik' detskoy khirurgii (zav. B.I.Novikov) Voronezhskogo  
meditsinskogo instituta.

(GOITER,  
giant, in adolescent)

MAJ, Tadeusz; ZEBRO, Tadeusz

Histopathological studies on the mucosa of the alveolar processes  
and hard palate in subjects with removable dental prostheses.  
Pat. pol. 14 no.1:79-95 '63.

1. Z Zakladu Anatomii Patologicznej AM w Krakowie Kierownik:  
prof. dr med. J. Kowalczykowa Z Zakladu Protetyki Stomato-  
logicznej AM w Krakowie Kierownik: doc. dr med. L. Sieppel.  
(MOUTH) (MUCOUS MEMBRANE) (PALATE)  
(PATHOLOGY) (DENTAL PROSTHESIS)

ZEBRO, Tadeusz

Significance of closing arteries and of venous valves in pulmonary circulation. Report IV. Pnt.polska 10 no.3:393-404 '59.

1. Z Zakladu Anatomii Patologiczney A.M. w Krakowie. Kierownik:  
prof.dr Janina Kowalczykowa.  
(LUNGS blood supply)

KOKOSZKA, Jozef; LACKA, Oksana; ZEBRO, Tadeusz

Analysis of 5 cases of cervical pregnancy. Pol. tyg. lek. 19  
no.3:97-101 20 Ja'64

1. Z Oddziału Położnictwa i Chorob Kobietych AM w Krakowie  
(kierownik: dr. A. Konstantynowicz) i z Zakładu Anatomii  
Patologicznej AM w Krakowie (kierownik: prof.dr. J.Kowalczykova).

\*



PTOMASIK, Bronislaw; ZEBRO, Tadeusz; JASZCZ, Wacław

Malignant leiomyoma of the inferior vena cava with the clinical picture of Budd-Chari syndrome. Nowotwory 11 no.3/4:443-453 '61.

1. Z Zakładu Anatomii Patologicznej Akademii Medycznej w Krakowie  
Kierownik: prof. dr med. J. Kowalczykowa.

(VENAE CAVAE neopl)	(LEIOMYOMA diag)
(HEPATIC VEINS dis)	(THROMBOSIS diag)

ZEBRO, Tadeusz

Pathogenesis of pulmonary infarct; significance of emboli, thrombi and vasculae changes. II. Pat. polska 10 no.1:73-86 Jan-Mar 59.

1. Z Zakladu Anatomii Patologicznej A.M. w Krakowie Kierownik: prof. dr J. Kowalczykowa.

(LUNGS, infarction,

autopsy findings on causes (Pol))

KOBIELOWA, Zofia; POPCZYNSKA-MARKOWA, Maria; ZEBRO, Tadeusz

Clinical picture of sympathicoblastoma. Polski tygod. lek. 14 no.7:  
317-320 16 Feb 59.

1. Z Kliniki Dziecięcej; kierownik: prof. dr T. Giza i z Zakładu  
Anatomii Patologicznej A. M. w Krakowie; kierownik: prof. dr J.  
Kowalczykowa. Adres: Krakow, Klin. Dziecięcz.  
(SYMPATHICOBIASTOMA, in inf. & child  
clin. manifest. & ther. (Pol))

SZCZEPKOWSKI, Tadeusz; ZEBRO, Tadeusz; STACHURA, Jerzy

Studies on chemical protection against ionizing radiation.  
I. Studies on the toxicity of sodium cysteinethiosulphonate  
for C57 black mice. Acta med. Pol. 4 no.3:305-312 '63.

1. Department of Physiological Chemistry, Medical Academy,  
Cracow, Director: Prof. Dr. B. Skarzynski. Department of  
Pathological Anatomy, Medical Academy, Cracow, Director: Prof.  
Dr. J. Kowalczykova.

(RADIATION-PROTECTIVE AGENTS)

(SULFHYDRYL COMPOUNDS)

(RADIATION INJURY, EXPERIMENTAL)

(SULFONIC ACIDS) (CYSTEINE)